





How to change front wheel bearing on VW Golf 5 – replacement guide

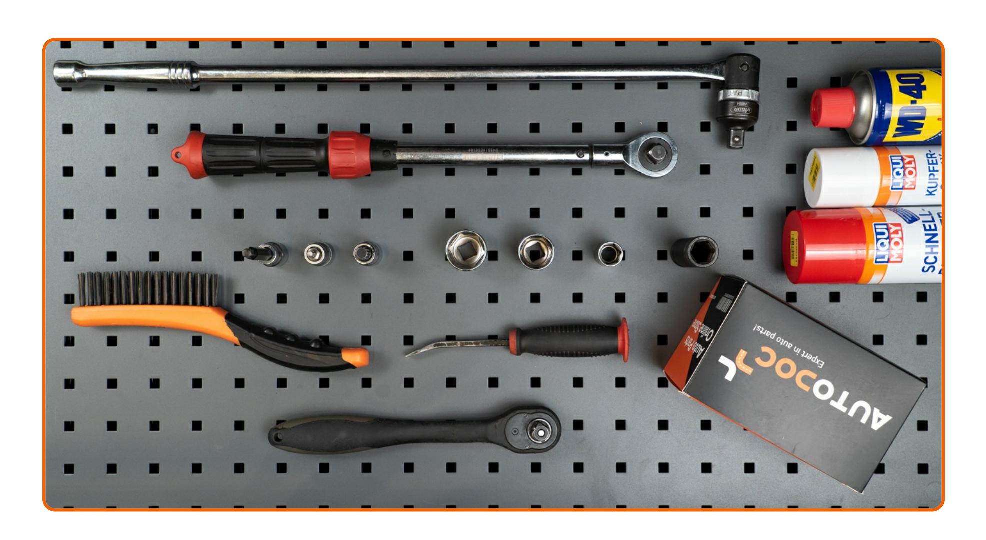
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW CADDY III Box (2KA, 2KH, 2CA, 2CH) 1.6, VW CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) 1.6, VW GOLF V (1K1) 1.6, VW JETTA III (1K2) 1.6, VW TOURAN (1T1, 1T2) 1.6

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – VW GOLF 5. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 16
- Drive socket # 24
- Drive socket # 27
- Torx bit T30
- HEX bit No.H7.
- XZN socket bit # 12
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

Replacement: wheel bearing – VW Golf 5. AUTODOC recommends:

- Do not re-use the bearing assembly of your VW Golf 5 car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: WHEEL BEARING – VW GOLF 5. TAKE THE FOLLOWING STEPS:

1



Secure the wheels with chocks.

2



Loosen the wheel hub fastener. Use a drive socket #24. Use a tap wrench.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.



4



Raise the front of the car and secure on supports.

5



Unscrew the wheel bolts.

Replacement: wheel bearing – VW Golf 5. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

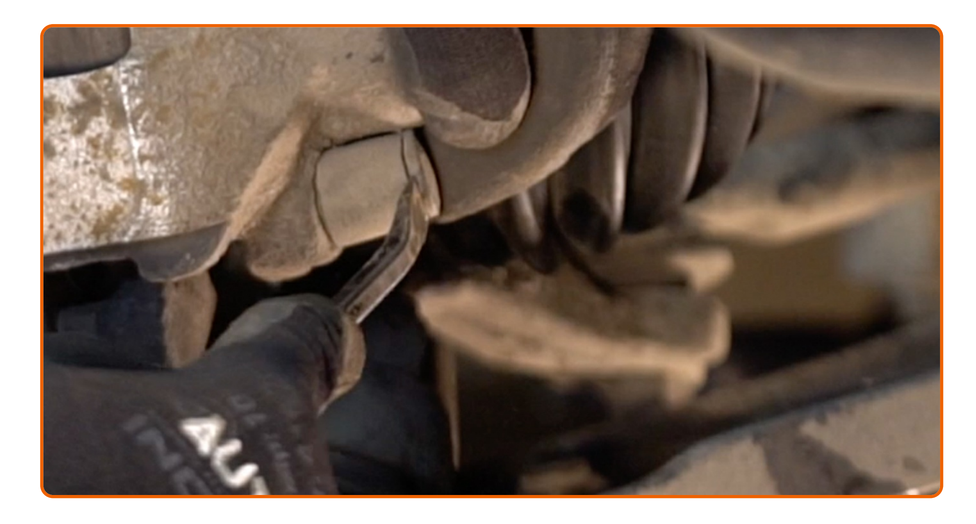


6



Remove the wheel.

7



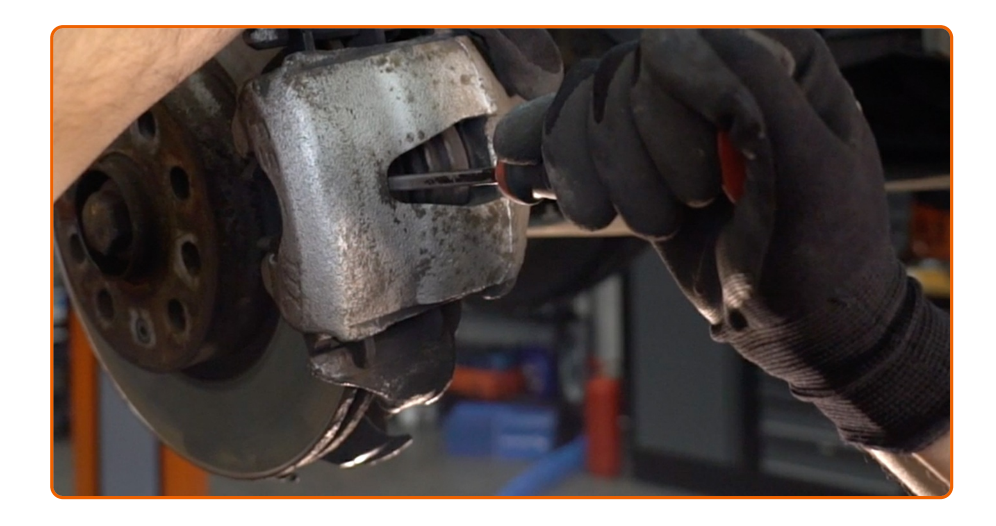
Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

8



Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

9



Spread the brake pads. Use a crowbar.

10



Remove the brake caliper.

Replacement: wheel bearing – VW Golf 5. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.



11



Unscrew the brake disc fastening. Use Torx T30.

12



Remove the brake disc.

13



Unscrew the wheel hub axle nut. Use a drive socket #24.

14

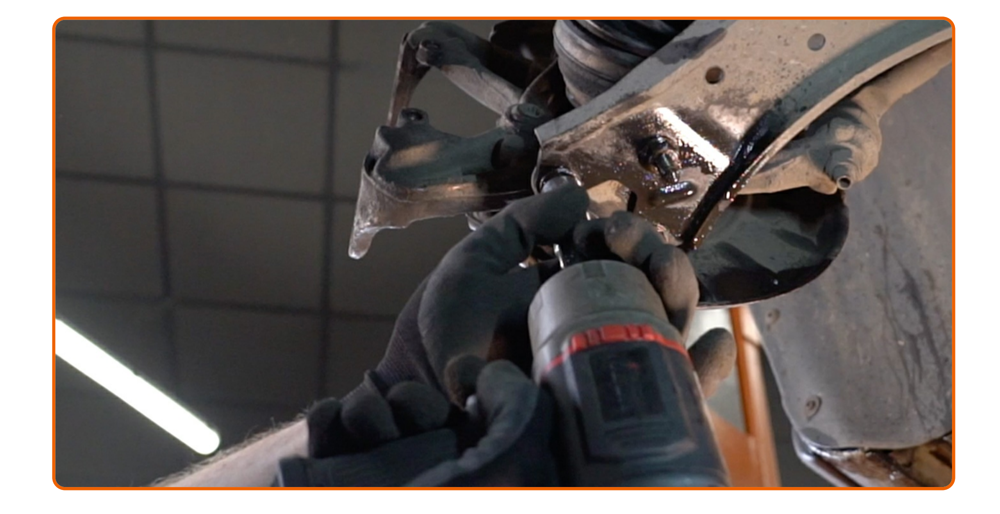


Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

AUTODOC recommends:

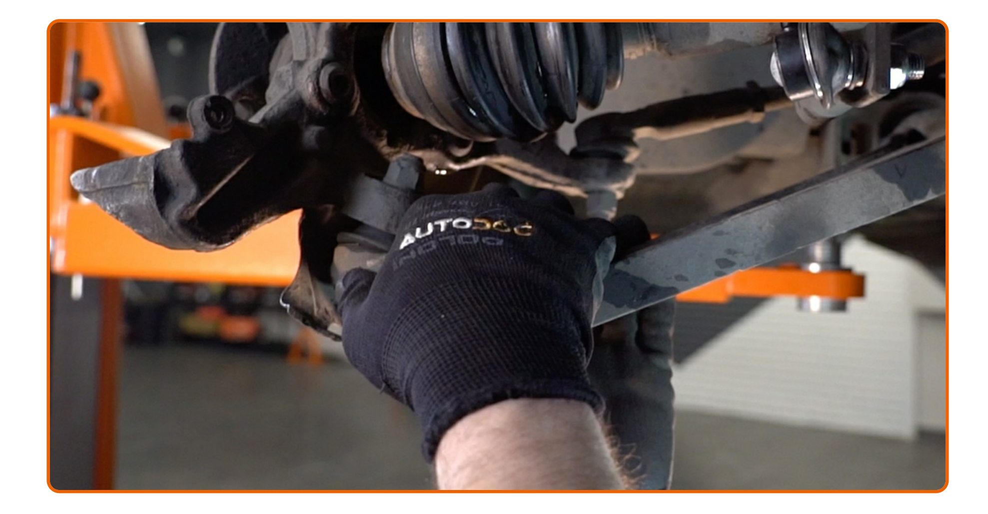
- Replacement: wheel bearing – VW Golf 5. After applying the spray, wait a few minutes.
- Wear protective goggles.

15



Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #16. Use a tap wrench.

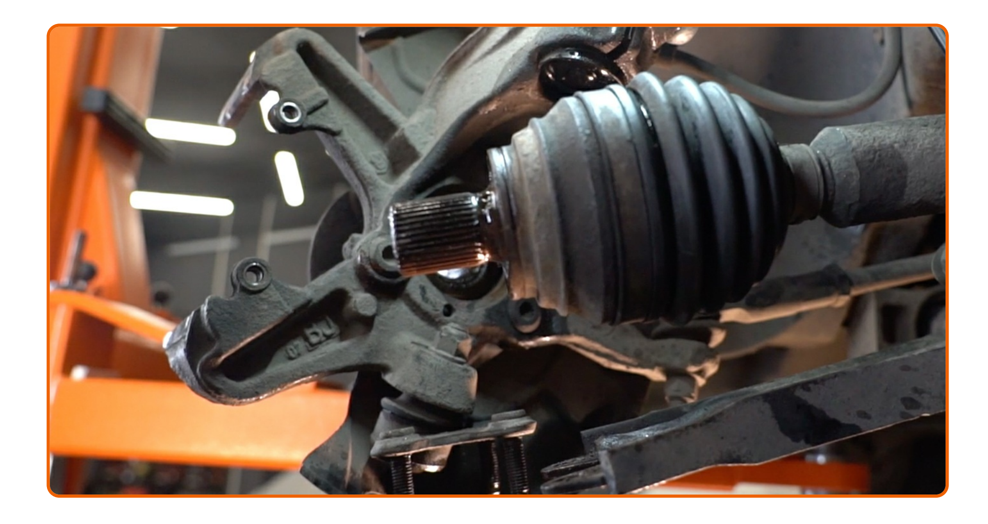
16



Disconnect the spherical joint from the arm.



17



Remove the drive shaft from the wheel hub.

Replacement: wheel bearing – VW Golf 5. Tip from AUTODOC:

- Make sure that the steering knuckle is not released from load.

18



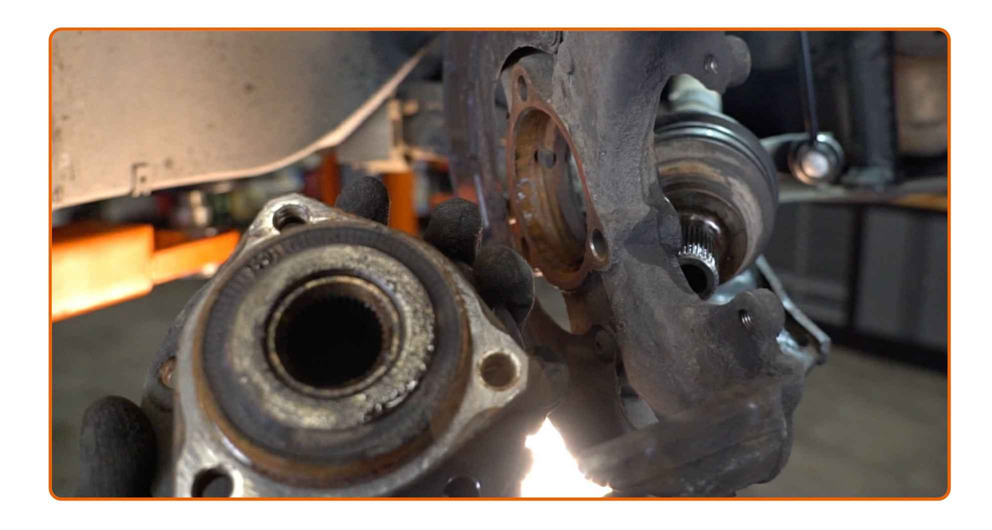
Clean the wheel hub fastener. Use a wire brush. Use WD-40 spray.

19



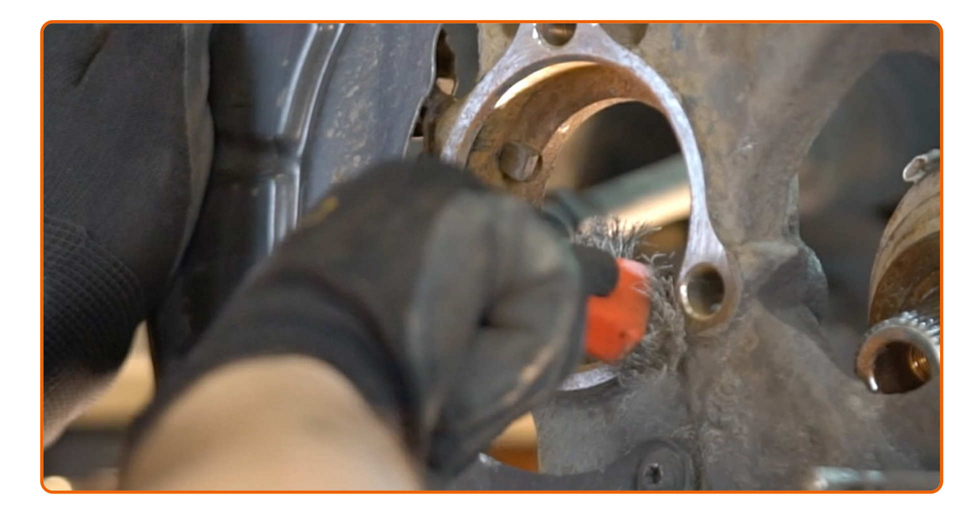
Unscrew the hub bearing mounting. Use XZN #12. Use a ratchet wrench. Use a tap wrench.

20



Remove the hub and the bearing together, since they are a sealed unit.

21



Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.

22



Install the new wheel hub with a bearing.

23

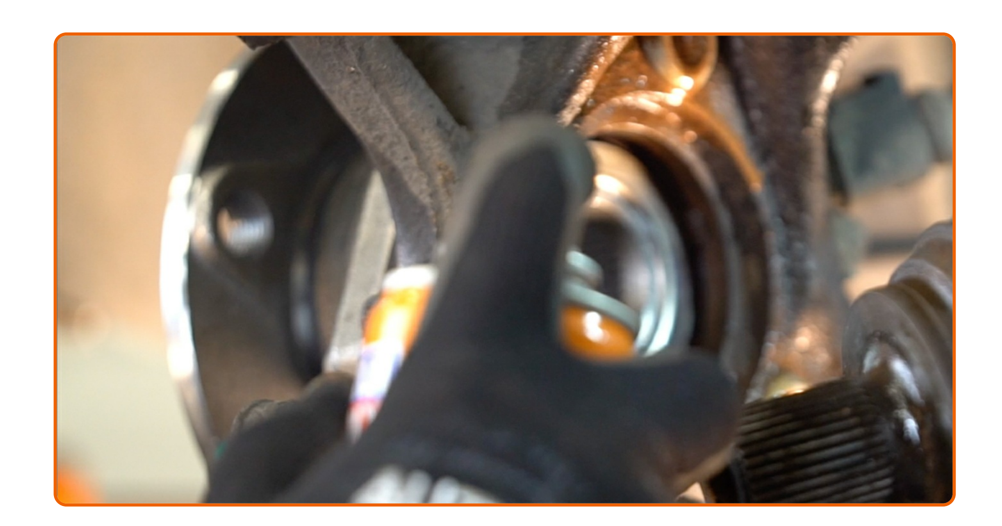


Tighten the fastener of the wheel hub bearing. Use XZN #12. Use a torque wrench. Tighten it to 85 nm torque.

Replacement: wheel bearing – VW Golf 5. Tip from AUTODOC experts:

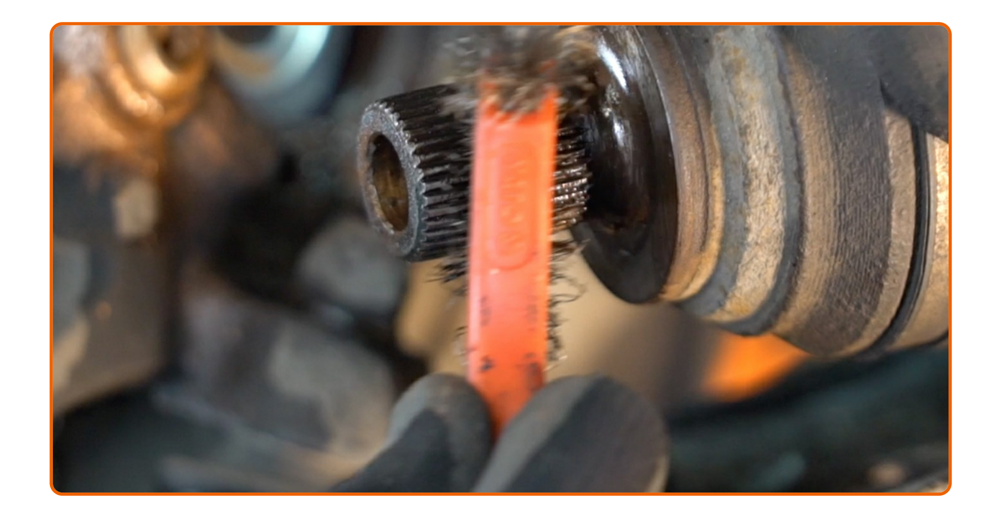
- The wheel bearing unit must not tilt on the axle pin.

24



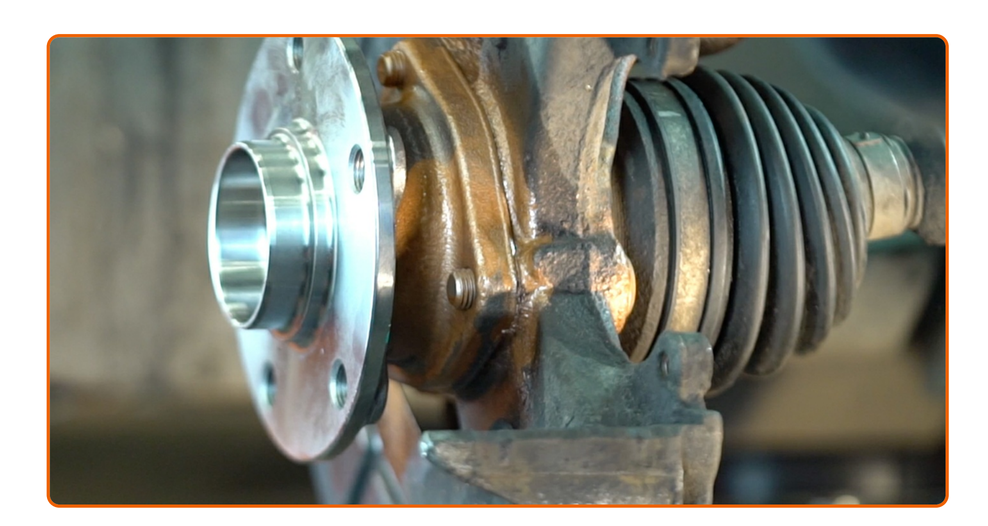
Apply some copper grease to the hub where it contacts the brake disk.

25



Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.

26



Mount the drive shaft into the wheel hub.

27



Attach the ball joint to the control arm.

28



Tighten the ball joint fastener. Use a drive socket #16. Use a torque wrench. Tighten it to 52 Nm torque.

29



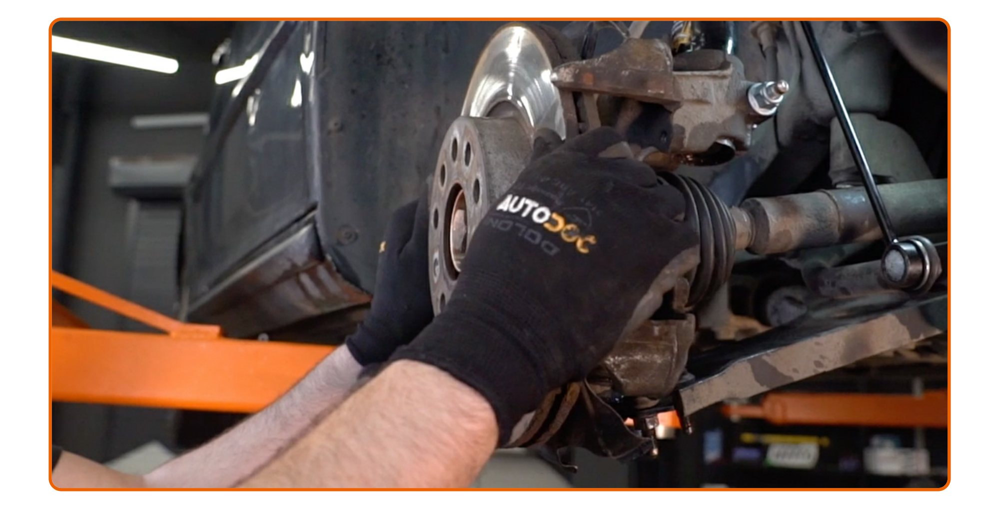
Install and tighten the drive shaft bolt. Use a drive socket #27.

30



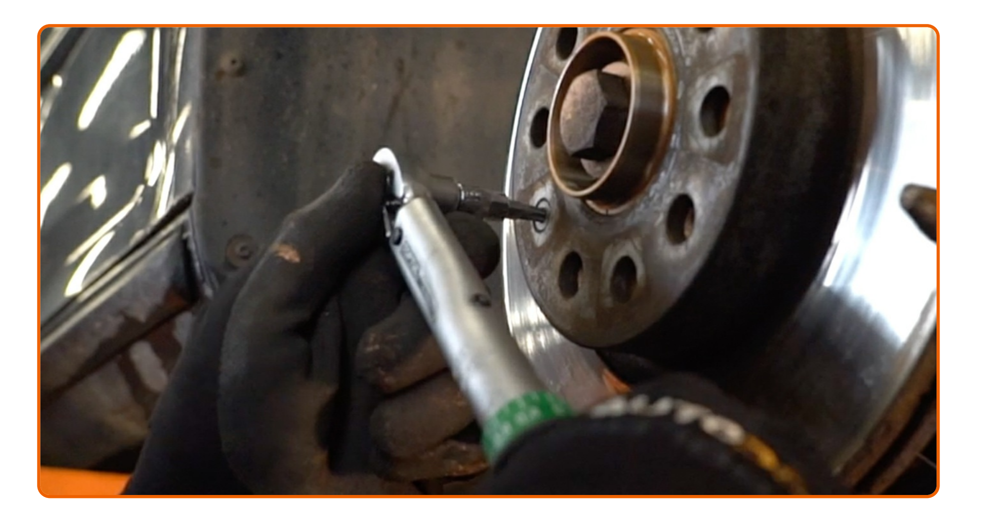
Treat the hub where it contacts the brake disk. Use copper grease.

31



Install the brake disc.

32



Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

33



Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 35 Nm torque.

34



Install the dust boot caps of the brake caliper guide pins.

35



Clean the brake disk surface. Use a wire brush. Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

36



Clean the brake disk surface. Use a brake cleaner.

Replacement: wheel bearing – VW Golf 5. Professionals recommend:

- After applying the spray, wait a few minutes.

37

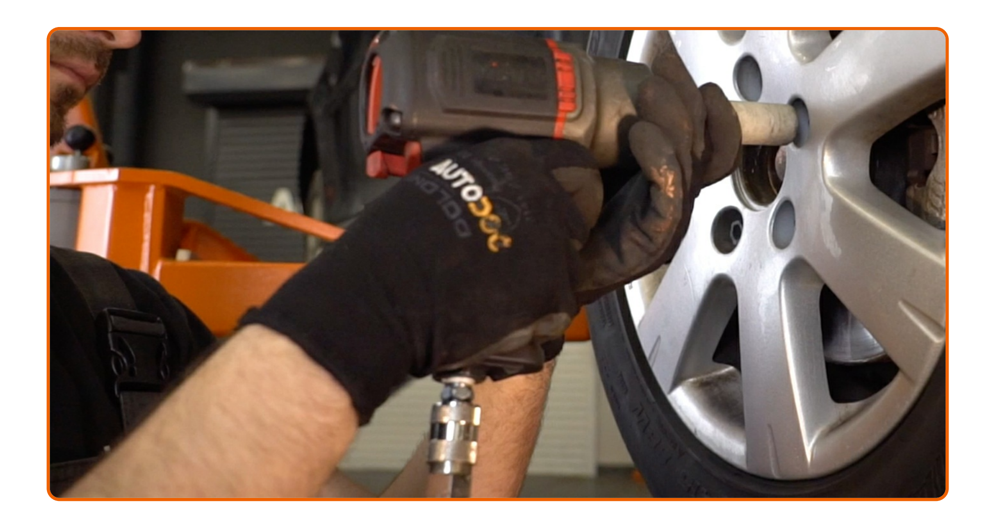


Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Golf 5

38



Screw in the wheel bolts. Use wheel impact socket #17.

39



Lower the car.

40



Tighten the bolt connecting the drive shaft to the wheel hub. Use a drive socket #24. Use a torque wrench. Tighten it to 105 nm torque.

41



Tighten the wheel bolts using a criss-cross pattern. Use a torque wrench. Tighten it to 120 Nm torque.

42



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

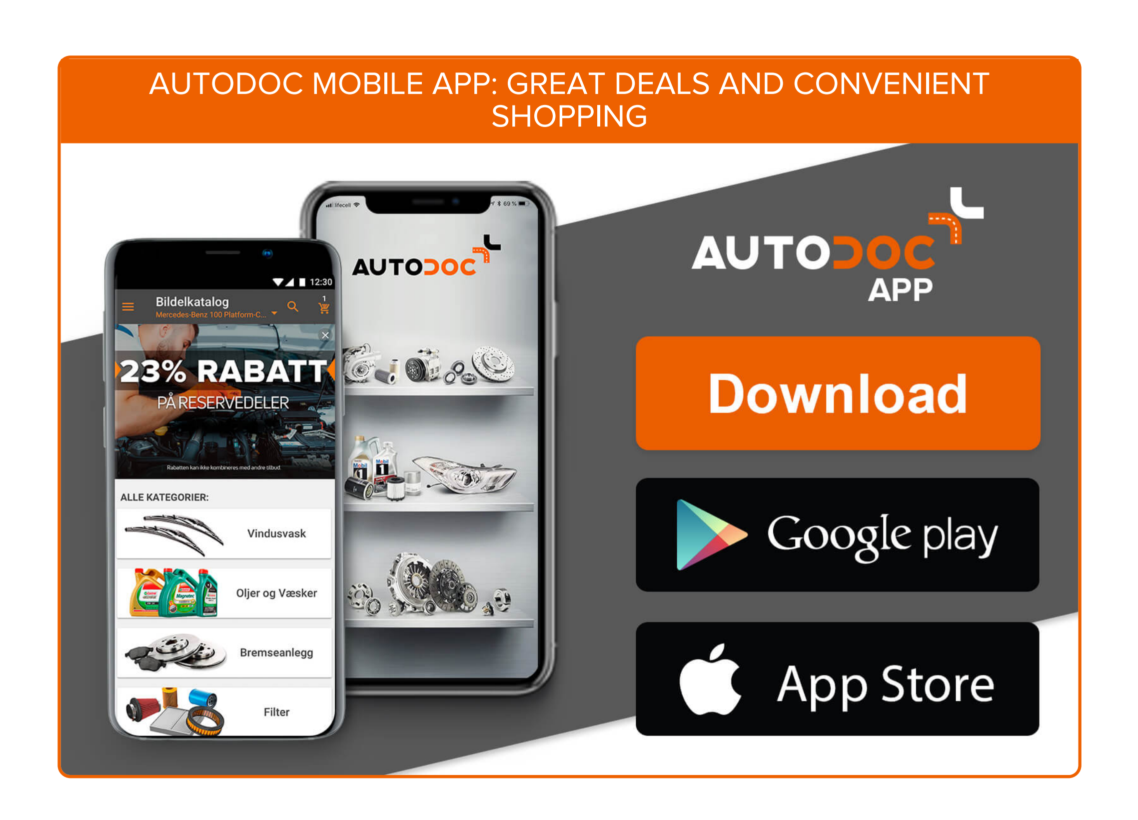


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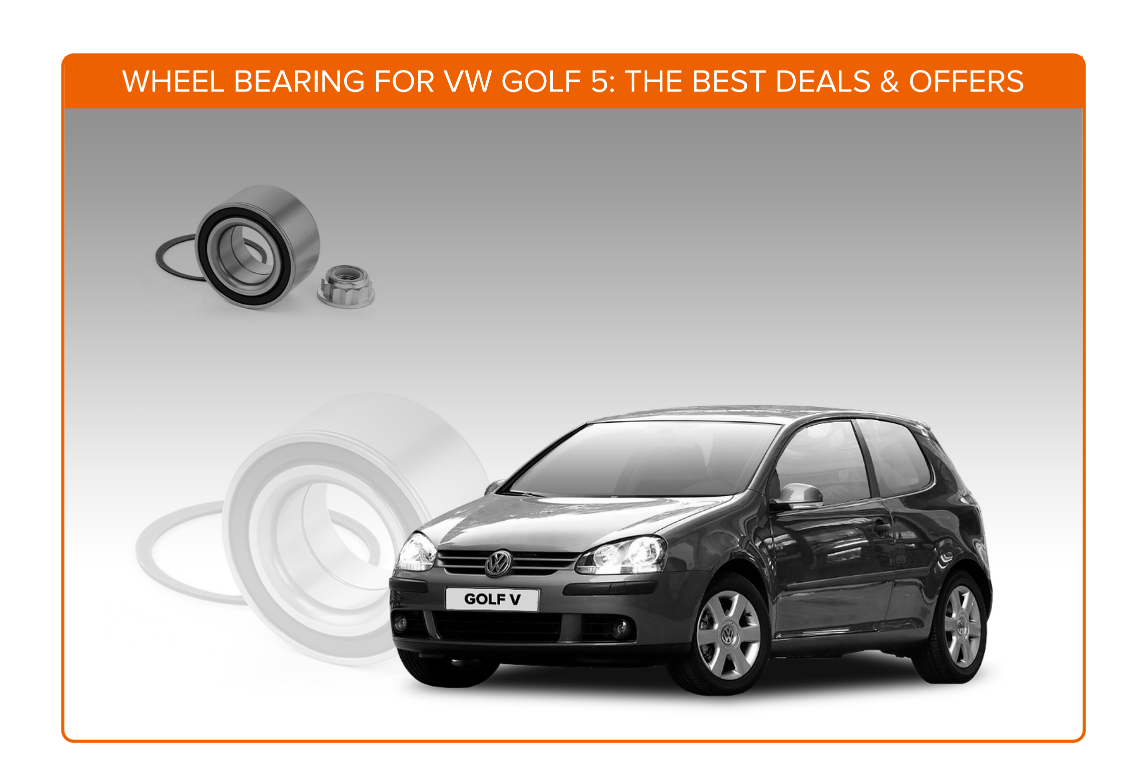
WHEEL BEARING: A WIDE SELECTION




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GOLF V


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